



# STIC Search Report

## EIC 2100

STIC Database Tracking Number: 122617

TO: Kuen S Lu  
Location: 4A32  
Art Unit : 2177  
Thursday, May 20, 2004

Case Serial Number: 10/066278

From: Carol Wong  
Location: EIC 2100  
PK2-4B33  
Phone: 305-9729

[carol.wong@uspto.gov](mailto:carol.wong@uspto.gov)

### Search Notes

Dear Examiner Lu,

Attached are the search results (from commercial databases) for your case.

Color tags mark the patents/articles which appear to be most relevant to the case.. Pls review all documents, since untagged items might also be of interest. If you wish to order the complete text of any document, pls submit request(s) directly to the EIC2100 Reference Staff located in PK2-4B40.

Pls call if you have any questions or suggestions for additional terminology, or a different approach to searching the case. Finally, pls complete the attached Search Results Feedback Form, as the EIC/STIC is continually soliciting examiners' opinion of the search service.

Thanks,  
Carol





# STIC Search Results Feedback Form

*cw*

**EIC 2100**

Questions about the scope or the results of the search? Contact *the EIC searcher* or contact:

Anne Hendrickson, EIC 2100 Team Leader  
308-7831, CPK2-4B40

## Voluntary Results Feedback Form

➤ I am an examiner in Workgroup:  Example: 2133

➤ Relevant prior art **found**, search results used as follows:

- ☐ 102 rejection
- ☐ 103 rejection
- ☐ Cited as being of interest.
- ☐ Helped examiner better understand the invention.
- ☐ Helped examiner better understand the state of the art in their technology.

Types of relevant prior art found:

- ☐ Foreign Patent(s)
- ☐ Non-Patent Literature  
(journal articles, conference proceedings, new product announcements etc.)

➤ Relevant prior art **not found**:

- ☐ Results verified the lack of relevant prior art (helped determine patentability).
- ☐ Results were not useful in determining patentability or understanding the invention.

Comments:

Drop off or send completed forms to STIC/EIC2100 CPK2-4B40





# STIC EIC 2100 Search Request Form

122617

Today's Date:

5/20/04

What date would you like to use to limit the search?

Priority Date:

1/31/2002

Other:

Name Kaen Lu

AU 2177 Examiner # 79991

Room # PK2 4A32 Phone 305-4894

Serial # 10/066278

Format for Search Results (Circle One):

PAPER

DISK

EMAIL

Where have you searched so far?

USP

DWPI

EPO

JPO

ACM

IBM TDB

IEEE

INSPEC

SPI

Other

ASAP  
THANK

Is this a "Fast & Focused" Search Request? (Circle One) YES NO

A "Fast & Focused" Search is completed in 2-3 hours (maximum). The search must be on a very specific topic and meet certain criteria. The criteria are posted in EIC2100 and on the EIC2100 NPL Web Page at <http://ptoweb/patents/stic/stic-tc2100.htm>.

What is the topic, novelty, motivation, utility, or other specific details defining the desired focus of this search? Please include the concepts, synonyms, keywords, acronyms, definitions, strategies, and anything else that helps to describe the topic. Please attach a copy of the abstract, background, brief summary, pertinent claims and any citations of relevant art you have found.

1. ~~opening~~ ~~close~~

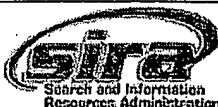
1. closing a currently opened file,  
Saving ~~keeping track~~ the position of the file  
before closing it.  
2. (other file opening)  
2. re-opening the file to the position  
which was saved.

STIC Searcher Carol Wong

Phone 305 9129

Date picked up 5-20-04

Date Completed 5-20-04



File 9:Business & Industry(R) Jul/1994-2004/May 18  
(c) 2004 The Gale Group  
File 16:Gale Group PROMT(R) 1990-2004/May 20  
(c) 2004 The Gale Group  
File 47:Gale Group Magazine DB(TM) 1959-2004/May 18  
(c) 2004 The Gale group  
File 148:Gale Group Trade & Industry DB 1976-2004/May 20  
(c)2004 The Gale Group  
File 160:Gale Group PROMT(R) 1972-1989  
(c) 1999 The Gale Group  
File 275:Gale Group Computer DB(TM) 1983-2004/May 20  
(c) 2004 The Gale Group  
File 570:Gale Group MARS(R) 1984-2004/May 20  
(c) 2004 The Gale Group  
File 621:Gale Group New Prod.Annou.(R) 1985-2004/May 19  
(c) 2004 The Gale Group  
File 636:Gale Group Newsletter DB(TM) 1987-2004/May 20  
(c) 2004 The Gale Group  
File 649:Gale Group Newswire ASAP(TM) 2004/May 18  
(c) 2004 The Gale Group

Set	Items	Description
S1	3499951	POSITION? ?
S2	2158084	LOCATION? ?
S3	212	S1:S2(3N) (BOOKMARK? OR BOOK()MARK??? ?)
S4	7750	S1:S2(3N) (SAVE OR SAVES OR SAVED OR SAVING OR REMEMBER? OR RECALL?)
S5	14094	S1:S2(3N) (MARK OR MARKS OR MARKED OR MARKING OR MARKER? ? - OR FLAG OR FLAGS OR FLAGGED OR FLAGGING? OR TAG OR TAGS OR TAGGED OR TAGGED)
S6	1524	S1:S2(3N) POINTER? ?
S7	1701227	FILE OR FILES OR DATAFILE? ?
S8	2008116	TABLE OR TABLES OR SPREADSHEET? OR SPREAD()SHEET? ?
S9	2360920	DATABASE? ? OR DIRECTORY? OR DIRECTORIES OR DATASET? OR DATABANK? OR DATA() (BASE? ? OR SET? ? OR BANK? ?)
S10	285675	S7:S9(3N) (OPEN??? ? OR REOPEN? OR ACCESS OR ACCESSE? ? OR - ACCESSING OR REACCESS?)
S11	17017	S7:S9(3N) (CLOSE OR CLOSES OR CLOSED OR CLOSING OR EXIT? OR EGRESS?)
S12	168	S3:S6(S)S10
S13	12	S12(S)S11
S14	0	S13/2002:2004
S15	5	RD S13 (unique items)

15/3,K/1 (Item 1 from file: 47)  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
(c) 2004 The Gale group. All rts. reserv.

05550833 SUPPLIER NUMBER: 60121569 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Protect F-Mailed Documents From Changes. (Questions and Answers) (Column)**  
CAMPBELL, GEORGE  
PC World, 18, 4, 238  
April, 2000  
DOCUMENT TYPE: Column ISSN: 0737-8939 LANGUAGE: English  
RECORD TYPE: Fulltext  
WORD COUNT: 1632 LINE COUNT: 00122

... 9  
WordPerfect makes it easier (see FIGURE 1). You can simply tell the program to **remember** your **location** when you **save** the document, and it will jump to that spot the next time you open it...

...the Bookmark dialog box, select Set QuickMark on file save and Go to QuickMark on **file open** . Then click **Close** . This becomes the default setting and applies to all documents.

SHUT DOWN WORD'S SPELLING...

15/3,K/2 (Item 2 from file: 47)

DIALOG(R)File 47:Gale Group Magazine DB(TM)

(c) 2004 The Gale group. All rts. reserv.

03870611 SUPPLIER NUMBER: 13479546 (USE FORMAT 7 OR 9 FOR FULL TEXT)

DeScribe: acrobatic 32-bit word processing in OS/2. (DeScribe Inc.'s

DeScribe 4.0) (Software Review) (First Looks) (Evaluation)

Mendelson, Edward

PC Magazine, v12, n6, p44(1)

March 30, 1993

DOCUMENT TYPE: Evaluation ISSN: 0888-8507 LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 575 LINE COUNT: 00044

... drop documents from OS/2's desktop onto these icons for instant processing.

The program **opens** as many **files** as memory permits, and **remembers** the cursor **position** when you **close** a **file** . The infinite undo function lets you return to any earlier stage in the current session...

15/3,K/3 (Item 3 from file: 47)

DIALOG(R)File 47:Gale Group Magazine DB(TM)

(c) 2004 The Gale group. All rts. reserv.

03629259 SUPPLIER NUMBER: 11445904 (USE FORMAT 7 OR 9 FOR FULL TEXT)

The first DOS 5.0 utility: UMBFILES frees up extra RAM. (upper memory blocks) (Utilities) (tutorial)

Prosise, Jeff

PC Magazine, v10, n20, p497(6)

Nov 26, 1991

DOCUMENT TYPE: tutorial ISSN: 0888-8507 LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 3232 LINE COUNT: 00235

... of the file, the date and time it was created or last modified, the current **position** of the file **pointer** , a record of the **access** rights the **file** was **opened** with, and other information. When the **file** is eventually **closed** , the slots that it occupied in the SFT and the JFT are freed for use...

...Thus, the number of SFT entries created at start-up ultimately limits the number of **files** that can be **open** in the system concurrently; if all the SFT entries are currently in use, DOS will fail further requests to **open** a **file** .

Physically, the SFT is rarely (if ever) stored in one block of memory. Instead, it...

15/3,K/5 (Item 1 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

(c) 2004 The Gale Group. All rts. reserv.

01581492      SUPPLIER NUMBER: 13341884      (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Questions & answers: MS-DOS.**

Prosise, Jeff; Laloum, Yves

Microsoft Systems Journal, v8, n2, p83(3)

Feb, 1993

ISSN: 0889-9932

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 999

LINE COUNT: 00072

... name in DS:DX and returns the file's length in DX:AX. First, the **file** is **opened** using MS-DOS Function 3DH, **Open File** or Device. Then Function 42H is called to move the file pointer (the **location** in the file that the next read or write will be directed to) to a...

...file pointer to the end of the file. When Function 42H returns, the new file **pointer position** is stored in DX:AX. Since the pointer is now positioned at the end of...

...AX contains the file's length in bytes. Before it returns to the caller, GetFileSize **closes** the **file** by calling MS-DOS Function 3EH ( **Close File** or Device).

The only drawback to using Function 42H is that it will fail if...

?

File 256:SoftBase:Reviews,Companies&Prods. 82-2004/Apr  
(c)2004 Info.Sources Inc

Set	Items	Description
S1	2028	POSITION? ?
S2	5057	LOCATION? ?
S3	4	S1:S2(3N) (BOOKMARK? OR BOOK()MARK??? ?)
S4	35	S1:S2(3N) (SAVE OR SAVES OR SAVED OR SAVING OR REMEMBER? OR RECALL?)
S5	43	S1:S2(3N) (MARK OR MARKS OR MARKED OR MARKING OR MARKER? ? - OR FLAG OR FLAGS OR FLAGGED OR FLAGGING? OR TAG OR TAGS OR TAGGED OR TAGGED)
S6	10	S1:S2(3N) POINTER? ?
S7	20233	FILE OR FILES OR DATAFILE? ?
S8	5301	TABLE OR TABLES OR SPREADSHEET? OR SPREAD()SHEET? ?
S9	23813	DATABASE? ? OR DIRECTORY? OR DIRECTORIES OR DATASET? OR DATABANK? OR DATA() (BASE? ? OR SET? ? OR BANK? ?)
S10	4835	S7:S9(3N) (OPEN??? ? OR REOPEN? OR ACCESS OR ACCESSE? ? OR - ACCESSING OR REACCESS?)
S11	68	S7:S9(3N) (CLOSE OR CLOSES OR CLOSED OR CLOSING OR EXIT? OR EGRESS?)
S12	182	S1:S2(3N) (STORE OR STORES OR STORED OR STORING OR STORAGE)
S13	17	(S3:S6 OR S12) AND S10
S14	2	S13/2002:2004
S15	15	S13 NOT S14
S16	13	RD (unique items)

16/7/3

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
(c)2004 Info.Sources Inc. All rts. reserv.

00114131 DOCUMENT TYPE: Review

PRODUCT NAMES: Norton Mobile Essentials (694738)

TITLE: Norton Mobile Essentials

AUTHOR: Staff

SOURCE: SC Infosecurity News Magazine, v9 n11 p34(2) Nov 1998

ISSN: 1096-7974

HOME PAGE: <http://www.infosecnews.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

Symantec's Norton Mobile Essentials can prove useful to mobile laptop users. Conducting business while on the road comes with a unique set of connectivity problems, which can often prove time consuming and costly. Norton Mobile Essentials takes the trouble out of mobile computing. It includes a worldwide travel information service, which provides information on hotels, currency, customs, and more; the program also provides automatic adjustments to computer settings depending on wherever the traveler is at any given time. Installation is straightforward, and it facilitates rapid connectivity once the traveler arrives at a destination. Users can create a backup profile of frequently used files and folders, and it also has an option for checking the system for problems before departure. The SpeedSave feature compresses files, giving the laptop more useable drive space; and the option of using a Zip utility is open to the user, allowing compressed files to be opened as needed. The Location Controller lets users save location settings, which saves a considerable amount of time. Also, the Norton Connection Doctor helps to troubleshoot connection problems.

REVISION DATE: 19990630

16/7/5

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
(c)2004 Info.Sources Inc. All rts. reserv.

00104886 DOCUMENT TYPE: Review

**PRODUCT NAMES:** PresentTable for ArcView (677833); PresentTable for MapInfo (677825)

**TITLE:** PresentTable for MapInfo and ArcView

**AUTHOR:** Limp, W Fredrick

**SOURCE:** Business Geographics, v5 n9 p46(2) Sep 1997

**ISSN:** 1067-456X

**HOME PAGE:** <http://www.bg.geoplance.com>

**RECORD TYPE:** Review

**REVIEW TYPE:** Review

**GRADE:** B

Applied GIS's PresentTable for MapInfo and PresentTable for ArcView add strong database reporting functions and user-friendly wizard-based formatting tools to MapInfo and ArcView. PresentTable for MapInfo is a MapBasic application that adds table reporting functions to MapInfo and can be used from the main MapInfo menu to easily create report formatting using recently run spatial queries. The ArcView release is very similar in appearance, functions, and abilities, but it can gain **access** to **INFO tables** for reporting. Running a standard report is very easy using a Windows wizard that steps the user through the needed steps. It allows users to establish the report's type, format, fields included, sorting and grouping options, and totals. Many standard form types are provided, including a columnar report, listing report, mailing label option, and form letter report. PresentTable also offers many report formats, including those for inserting lines, symbols, and bit-mapped graphics. Users can gain **access** to 99 **tables**, based on the master table's contents. For instance, a spatial query can identify census blocks inside a particular distance from a **store location** under consideration. PresentTable provides built-in querying functions that can be used to choose database records accessible for report form input.

REVISION DATE: 20030330

16/7/7

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
(c)2004 Info.Sources Inc. All rts. reserv.

00099623 DOCUMENT TYPE: Review

**PRODUCT NAMES:** Internet Security (841944)

**TITLE:** Web spoofing poses new security threat

**AUTHOR:** Woollacott, Matthew Radosevich, Lynda

**SOURCE:** InfoWorld, v19 n1 p33(2) Jan 6, 1997

**ISSN:** 0199-6649

**HOME PAGE:** <http://www.infoworld.com>



RECORD TYPE: Review  
REVIEW TYPE: Product Analysis  
GRADE: Product Analysis, No Rating

World Wide Web spoofing, a new form of Internet hacking, may soon become the chief security risk that network staff have to deal with, surpassing such invasions as Syn floods, viruses, and Ping o' Death. This method, which so far has not been documented in a production system, spoofs a server and changes data retrieved by a browser user. Unlike Syn flood attacks, Web spoofing compromises the soundness of the Web site owner's data. Syn simply locks users out of an Internet connection by flooding the server with requests for a connection. Users can protect against Syn attacks by closely monitoring Web sites, installing current protective patches for routers, servers, and operating systems, and using monitoring/detection tools. Web spoofers have to attract users to a fake Web site first, either by hacking into an existing site and substituting URLs, getting a spoofed site listed on a search engine, or sending e-mail to users with an address that seems attractive. The spoof site then puts its own address in front of any URLs the user requests. To circumvent Web spoofing, users can click on a **bookmark** or choose **open location** from the **file** menu, because these are parts of the browser than cannot be affected by a Java applet. The only way to completely eliminate the problem is to change the basic way in which the Web and Java applets work.

REVISION DATE: 20020630  
?

File 348:EUROPEAN PATENTS 1978-2004/May W02

(c) 2004 European Patent Office

File 349:PCT FULLTEXT 1979-2002/UB=20040513,UT=20040506

(c) 2004 WIPO/Univentio

Set	Items	Description
S1	851503	POSITION? ?
S2	397691	LOCATION? ?
S3	171	S1:S2(3N)(BOOKMARK? OR BOOK()MARK??? ?)
S4	2706	S1:S2(3N)(SAVE OR SAVES OR SAVED OR SAVING OR REMEMBER? OR RECALL?)
S5	21669	S1:S2(3N)(MARK OR MARKS OR MARKED OR MARKING OR MARKER? ? - OR FLAG OR FLAGS OR FLAGGED OR FLAGGING? OR TAG OR TAGS OR TAGGED OR TAGGED)
S6	5656	S1:S2(3N)POINTER? ?
S7	84635	FILE OR FILES OR DATAFILE? ?
S8	469160	TABLE OR TABLES OR SPREADSHEET? OR SPREAD()SHEET? ?
S9	158556	DATABASE? ? OR DIRECTORY? OR DIRECTORIES OR DATASET? OR DATABANK? OR DATA()(BASE? ? OR SET? ? OR BANK? ?)
S10	35647	S7:S9(3N)(OPEN??? ? OR REOPEN? OR ACCESS OR ACCESSE? ? OR - ACCESSING OR REACCESS?)
S11	5194	S7:S9(3N)(CLOSE OR CLOSES OR CLOSED OR CLOSING OR EXIT? OR EGRESS?)
S12	46156	S1:S2(3N)(STORE OR STORES OR STORED OR STORING OR STORAGE)
S13	667	(S3:S6 OR S12)(25N)S10
S14	17	S13(25N)S11
S15	17	IDPAT (sorted in duplicate/non-duplicate order)
S16	17	IDPAT (primary/non-duplicate records only)
S17	172	S7(3N)(BOOKMARK? OR BOOK()MARK???? ?)
S18	26	S17(25N)S10
S19	1	S17(25N)S11
S20	26	S18:S19 NOT S16
S21	26	IDPAT (sorted in duplicate/non-duplicate order)
S22	26	IDPAT (primary/non-duplicate records only)

? t16/5,k/1,3-5,15

16/5,K/1 (Item 1 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2004 European Patent Office. All rts. reserv.

01383258

**Adaptive gain and filtering circuit for a sound reproduction system**  
**Adaptive Verstärkung und Filterschaltung für Schallwiedergabesystem**  
**Gain adaptatif et filtrage pour système de reproduction de son**  
PATENT ASSIGNEE:

K/S HIMPP, (2223940), Ny Vestergardsvej 25, 3500 Vaerloese, (DK),  
(Applicant designated States: all)

INVENTOR:

Engebretson, Maynard A., 818 South Euclid Avenue, St Louis, MO 63110,  
(US)

O'Connell, Michael P., 818 South Euclid Avenue, St Louis, MO 63110, (US)  
LEGAL REPRESENTATIVE:

Freeman, Jacqueline Carol (72181), W.P. THOMPSON & CO. Celcon House  
289-293 High Holborn, London WC1V 7HU, (GB)

PATENT (CC, No, Kind, Date): EP 1175125 A2 020123 (Basic)  
EP 1175125 A3 021106

APPLICATION (CC, No, Date): EP 2001121068 940406;

PRIORITY (CC, No, Date): US 44246 930407

DESIGNATED STATES: DE; FR; GB; IT; NL; SE

RELATED PARENT NUMBER(S) - PN (AN):

EP 693249 (EP 94914764)

INTERNATIONAL PATENT CLASS: H04R-025/00

ABSTRACT EP 1175125 A2

Adaptive compressive gain and level dependent spectral shaping circuitry for a hearing aid include a microphone to produce an input signal and a plurality of channels connected to a common circuit output (102). Each channel has a present frequency response. Each channel includes a filter (F1, F2, F3, F4) with a preset frequency response to receive the input signal (12) and to produce a filtered signal, a channel amplifier to amplify the filtered signal to produce a channel output signal, a threshold register (34) to establish a channel threshold level, and a gain circuit (24). The gain circuit increases the gain of the channel amplifier when the channel output signal falls below the channel threshold level and decreases the gain of the channel amplifier when the channel output signal rises above the channel threshold level. A transducer produces sound in response to the signal passed by the common circuit output.

ABSTRACT WORD COUNT: 151

NOTE:

Figure number on first page: 1

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 020123 A2 Published application without search report  
Examination: 020123 A2 Date of request for examination: 20010903  
Change: 021106 A2 International Patent Classification changed:  
20020916

Search Report: 021106 A3 Separate publication of the search report  
LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200204	791
SPEC A	(English)	200204	11446
Total word count - document A			12237

Total word count - document B 0  
Total word count - documents A + B 12237

...SPECIFICATION sectors from a file.

DiskWrite - Write sectors to a file.

DiskEject - Eject a disk.

DiskOpen - Open a file .

DiskClose - Close a file

DiskSetFPos - Set the position of a file's read/write mark .

DiskSetEOF - Set the location of the end of file marker for a file.

DiskSetFInfo - Set the finder information for...

16/5,K/3 (Item 3 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2004 European Patent Office. All rts. reserv.

00773013

A distributed data cache for cached multiprocessor system

Verteilter Datencachespeicher fur Multiprozessorsystem mit Cachespeicher

Antememoire distribuee pour systeme multiprocesseur a antememoire

PATENT ASSIGNEE:

Compaq Computer Corporation, (687797), 20555 SH 249, Houston, Texas  
77070-2698, (US), (Proprietor designated states: all)

INVENTOR:

Putzolu, Franco, 1000 Nortpoint, Apt. 406, San Francisco, California  
94109, (US)

LEGAL REPRESENTATIVE:

Charig, Raymond Julian et al (79692), Eric Potter Clarkson, Park View  
House, 58 The Ropewalk, Nottingham NG1 5DD, (GB)

PATENT (CC, No, Kind, Date): EP 723230 A2 960724 (Basic)  
EP 723230 A3 961218  
EP 723230 B1 020522

APPLICATION (CC, No, Date): EP 96300262 960115;

PRIORITY (CC, No, Date): US 379311 950123

DESIGNATED STATES: DE; FR; GB; IT; SE

INTERNATIONAL PATENT CLASS: G06F-012/08

CITED PATENTS (EP B): EP 447161 A

CITED REFERENCES (EP B):

COMPUTER, vol. 23, no. 6, 1 June 1990, pages 12-24, XP000173736 STENSTROM  
P: "A SURVEY OF CACHE COHERENCE SCHEMES FOR MULTIPROCESSORS"

FRANK S ET AL: "THE KSRL: BRIDGING THE GAP BETWEEN SHARED MEMORY AND  
MPPS" 22 February 1993 , PROCEEDINGS OF THE SPRING COMPUTER SOCIETY  
INTERNATIONAL CONFERENCE (COMPCON), SAN FRANCISCO, FEB. 22 - 26, 1993,  
NR. CONF. 38, PAGE(S) 285 - 294 , INSTITUTE OF ELECTRICAL AND  
ELECTRONICS ENGINEERS XP000379057 \* page 287, right-hand column, line 1  
- page 288, right-hand column, last paragraph; figures 2,3 \*;

ABSTRACT EP 723230 A3

A cache is distributed among processors in a multiple processor system  
with no shared memory to maintain the cached data. Each processor  
maintains a cache which identifies the opened files being cached, the  
blocks of each file which are cached and the state of caching for each  
file. The state of each opened file is one of "no-caching",  
"read-caching" and "read/write caching". So long as only one processor  
opens a file, and opens it for read/write access, that processor is  
allowed to do read/write caching on the file. When a processor opens a  
file for read access, that processor is allowed to do read caching,  
unless another processor has the file open for read/write access. After  
the last processor having read/write access to a file closes the file,  
the disk system upgrades the cache state for the file. The downgrading

of the caching state is communicated via an asynchronous cache callback signal, while the upgrading of a cache is not indicated to a processor until the processor sends a disk request for the file. The replay to the request contains the new cache state. (see image in original document)

ABSTRACT WORD COUNT: 215

NOTE:

Figure number on first page: 1

LEGAL STATUS (Type, Pub Date, Kind, Text):

Examination: 000510 A2 Date of dispatch of the first examination  
report: 20000324  
Application: 960724 A2 Published application (A1with Search Report  
;A2without Search Report)  
Oppn None: 030514 B1 No opposition filed: 20030225  
Grant: 020522 B1 Granted patent  
Assignee: 010321 A2 Transfer of rights to new applicant: Compaq  
Computer Corporation (687797) 20555 SH 249  
Houston, Texas 77070-2698 US  
Change: 010704 A2 Legal representative(s) changed 20010515  
Lapse: 021113 B1 Date of lapse of European Patent in a  
contracting state (Country, date): SE  
20020822,  
Search Report: 961218 A3 Separate publication of the European or  
International search report  
Examination: 970507 A2 Date of filing of request for examination:  
970310

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB96	290
CLAIMS B	(English)	200221	635
CLAIMS B	(German)	200221	671
CLAIMS B	(French)	200221	758
SPEC A	(English)	EPAB96	5788
SPEC B	(English)	200221	5930
Total word count - document A			6079
Total word count - document B			7994
Total word count - documents A + B			14073

...SPECIFICATION a file be opened for a process. The request includes a file name (or other file identifier), an access type, the O(underscore)APPEND flag (if file opened for read/write), an initial position for a file pointer, and the O(underscore)DSYNC flag. Disk process 14 responds with the result of the open and the allowed caching state.

- Close Request: file system 33 is requesting that the file be closed for a process. In some cases...

...SPECIFICATION a file be opened for a process. The request includes a file name (or other file identifier), an access type, the O(underscore)APPEND flag (if file opened for read/write), an initial position for a file pointer, and the O(underscore)DSYNC flag. Disk process 14 responds with the result of the open and the allowed caching state.

- Close Request: file system 33 is requesting that the file be closed for a process. In some cases...

DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2004 European Patent Office. All rts. reserv.

00657104

**ADAPTIVE GAIN AND FILTERING CIRCUIT FOR A SOUND REPRODUCTION SYSTEM**  
**ADAPTIVE VERSTARKUNG UND FILTERSCHALTUNG FUR TONWIEDERGABESYSTEM**  
**CIRCUIT DE FILTRAGE ET DE GAIN ADAPTATIF DESTINE A UN SYSTEME DE**  
**REPRODUCTION DES SONS**

**PATENT ASSIGNEE:**

K/S HIMPP, (2223940), Ny Vestergaardsvej 25, 3500 Vaerloese, (DK),  
(Proprietor designated states: all)

**INVENTOR:**

ENGBRETSON, Maynard, A., 818 South Euclid Avenue, St. Louis, MO 63110,  
(US)

O'CONNELL, Michael, P., 818 South Euclid Avenue, St. Louis, MO 63110,  
(US)

**LEGAL REPRESENTATIVE:**

Freeman, Jacqueline Carol et al (72181), W.P. THOMPSON & CO. 55 Drury  
Lane, London WC2B 5SQ, (GB)

PATENT (CC, No, Kind, Date): EP 693249 A1 960124 (Basic)  
EP 693249 A1 960313  
EP 693249 B1 040331  
WO 1994023548 941013

APPLICATION (CC, No, Date): EP 94914764 940406; WO 94US4004 940406

PRIORITY (CC, No, Date): US 44246 930407

DESIGNATED STATES: DE; FR; GB; IT; NL; SE

RELATED DIVISIONAL NUMBER(S) - PN (AN):

EP 1175125 (EP 2001121068)

INTERNATIONAL PATENT CLASS: H04R-025/00

CITED PATENTS (EP B): WO 89/08353 A; US 4508940 A; US 4630302 A; US 4680798  
A; US 5083312 A

**NOTE:**

No A-document published by EPO

**LEGAL STATUS (Type, Pub Date, Kind, Text):**

Change: 011031 A1 Application number of divisional application  
(Article 76) changed: 20010911

Examination: 20000209 A1 Date of dispatch of the first examination  
report: 19991223

Grant: 040331 B1 Granted patent

Application: 941228 A International application (Art. 158(1))

Application: 960124 A1 Published application (A1with Search Report  
;A2without Search Report)

Examination: 960124 A1 Date of filing of request for examination:  
951107

Search Report: 960313 A1 Drawing up of a supplementary European search  
report: 960123

Change: 980401 A1 Representative (change)

\*Assignee: 980401 A1 Applicant (transfer of rights) (change): K/S  
HIMPP (2223940) Ny Vestergaardsvej 25 3500  
Vaerloese (DK) (applicant designated states:  
DE;FR;GB;IT;NL;SE)

\*Assignee: 980401 A1 Previous applicant in case of transfer of  
rights (change): CENTRAL INSTITUTE FOR THE DEAF  
(751740) 818 South Euclid Avenue Saint Louis,  
MO 63110 (US) (applicant designated states:  
DE;FR;GB;IT;NL;SE)

LANGUAGE (Publication,Procedural,Application): English; English; English

**FULLTEXT AVAILABILITY:**

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200414	944
CLAIMS B	(German)	200414	852

CLAIMS B (French) 200414 1067  
SPEC B (English) 200414 11483  
Total word count - document A 0  
Total word count - document B 14346  
Total word count - documents A + B 14346

...SPECIFICATION sectors from a file.

DiskWrite - Write sectors to a file.

DiskEject - Eject a disk.

DiskOpen - Open a file .

DiskClose - Close a file

DiskSetFPos - Set the position of a file's read/write mark .

DiskSetEOF - Set the location of the end of file marker for a file.

DiskSetFInfo - Set the finder information for...

16/5,K/5 (Item 5 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2004 European Patent Office. All rts. reserv.

00588074

**Method and system for organizing internal structure of a file**

**Verfahren und System zur Organisation der internen Struktur einer Datei**

**Procede et dispositif pour organiser la structure interne d'un fichier**

PATENT ASSIGNEE:

MICROSOFT CORPORATION, (749861), One Microsoft Way, Redmond, Washington  
98052-6399, (US), (Proprietor designated states: all)

INVENTOR:

Sinofsk, Steven J., 711 East Denny Way, Apt.307, Seattle, Washington  
98122, (US)

LEGAL REPRESENTATIVE:

Grunecker, Kinkeldey, Stockmair & Schwanhauser Anwaltssozietat (100721)  
, Maximilianstrasse 58, 80538 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 578209 A2 940112 (Basic)

EP 578209 A3 940316

EP 578209 B1 991013

APPLICATION (CC, No, Date): EP 93110801 930706;

PRIORITY (CC, No, Date): US 909245 920706

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC;  
NL; PT; SE

INTERNATIONAL PATENT CLASS: G06F-017/30

CITED REFERENCES (EP A):

PROCEEDINGS SEAS ANNIVERSARY MEETING 1988 vol. 1 , 30 September 1988 ,  
AALBORG, DENMARK pages 399 - 440 D.R. CROCKETT 'The VM/SP 6 shared file  
system'

I.B.M. TECHNICAL DISCLOSURE BULLETIN vol. 33, no. 9 , February 1988 pages  
182 - 183 I.B.M. CORPORATION 'Use of subfiles as an internal  
organization method';

CITED REFERENCES (EP B):

PROCEEDINGS SEAS ANNIVERSARY MEETING 1988 vol. 1 , 30 September 1988 ,  
AALBORG, DENMARK pages 399 - 440 D.R. CROCKETT 'The VM/SP 6 shared file  
system'

I.B.M. TECHNICAL DISCLOSURE BULLETIN vol. 33, no. 9 , February 1988 pages  
182 - 183 I.B.M. CORPORATION 'Use of subfiles as an internal

organization method';

ABSTRACT EP 578209 A2

A method and system for storing data in a file is provided. The present invention provides for data to be organized within a compound document as a file bundle. A file bundle is a file system file that contains sub-files, which may be organized hierarchically. The data within a file bundle file is preferably stored in a format defined by the program that generates the data. The program that generates the data can open the file bundle created by another program and directly access the data within the file bundle file. (see image in original document)

ABSTRACT WORD COUNT: 98

NOTE:

Figure number on first page: 1

LEGAL STATUS (Type, Pub Date, Kind, Text):

Oppn None: 000927 B1 No opposition filed: 20000714

Application: 940112 A2 Published application (Alwith Search Report ;A2without Search Report)

Lapse: 040211 B1 Date of lapse of European Patent in a contracting state (Country, date): AT 19991013, BE 19991013, CH 19991013, LI 19991013, DK 20000113, ES 19991013, GR 19991013, IE 20000706, NL 19991013, PT 20000113, SE 19991013,

Lapse: 030212 B1 Date of lapse of European Patent in a contracting state (Country, date): AT 19991013, BE 19991013, CH 19991013, LI 19991013, ES 19991013, IE 20000706, NL 19991013, PT 20000113, SE 19991013,

Lapse: 020605 B1 Date of lapse of European Patent in a contracting state (Country, date): AT 19991013, BE 19991013, CH 19991013, LI 19991013, IE 20000706, PT 20000113, SE 19991013,

Lapse: 001227 B1 Date of lapse of European Patent in a contracting state (Country, date): AT 19991013, BE 19991013, CH 19991013, LI 19991013, PT 20000113,

Lapse: 001213 B1 Date of lapse of European Patent in a contracting state (Country, date): BE 19991013, CH 20000118, LI 20000118, PT 20000113,

Lapse: 001025 B1 Date of lapse of European Patent in a contracting state (Country, date): BE 19991013, PT 20000113,

Lapse: 001220 B1 Date of lapse of European Patent in a contracting state (Country, date): AT 19991013, BE 19991013, CH 20000118, LI 20000118, PT 20000113,

Lapse: 011212 B1 Date of lapse of European Patent in a contracting state (Country, date): AT 19991013, BE 19991013, CH 19991013, LI 19991013, IE 20000706, PT 20000113,

Lapse: 020619 B1 Date of lapse of European Patent in a contracting state (Country, date): AT 19991013, BE 19991013, CH 19991013, LI 19991013, ES 19991013, IE 20000706, PT 20000113, SE 19991013,

Lapse: 031105 B1 Date of lapse of European Patent in a contracting state (Country, date): AT



19991013, BE 19991013, CH 19991013, LI  
 19991013, DK 20000113, ES 19991013, IE  
 20000706, NL 19991013, PT 20000113, SE  
 19991013,  
 Search Report: 940316 A3 Separate publication of the European or  
 International search report  
 Examination: 941109 A2 Date of filing of request for examination:  
 940915  
 Change: 980923 A2 International patent classification (change)  
 Examination: 981007 A2 Date of despatch of first examination report:  
 980821  
 Change: 991013 A2 Title of invention (German) changed: 19990825  
 Grant: 991013 B1 Granted patent  
 LANGUAGE (Publication,Procedural,Application): English; English; English  
 FULLTEXT AVAILABILITY:  

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9941	564
CLAIMS B	(German)	9941	560
CLAIMS B	(French)	9941	640
SPEC B	(English)	9941	3218
Total word count - document A			0
Total word count - document B			4982
Total word count - documents A + B			4982

16/5,K/15 (Item 15 from file: 349)  
 DIALOG(R)File 349:PCT FULLTEXT  
 (c) 2004 WIPO/Univentio. All rts. reserv.

00275372 \*\*Image available\*\*  
**ADAPTIVE GAIN AND FILTERING CIRCUIT FOR A SOUND REPRODUCTION SYSTEM**  
**CIRCUIT DE FILTRAGE ET DE GAIN ADAPTATIF DESTINE A UN SYSTEME DE**  
**REPRODUCTION DES SONS**  
 Patent Applicant/Assignee:  
 CENTRAL INSTITUTE FOR THE DEAF,  
 Inventor(s):  
 ENGEBRETSON Maynard A,  
 O'CONNELL Michael P,  
 Patent and Priority Information (Country, Number, Date):  
 Patent: WO 9423548 A1 19941013  
 Application: WO 94US4004 19940406 (PCT/WO US9404004)  
 Priority Application: US 9344246 19930407  
 Designated States: CA FI JP AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE  
 Main International Patent Class: H04R-025/00  
 Publication Language: English  
 Fulltext Availability:  
 Detailed Description  
 Claims  
 Fulltext Word Count: 34067  
 English Abstract

Adaptive compressive gain and level dependent spectral shaping circuitry for a hearing aid include a microphone to produce an input signal and a plurality of channels connected to a common circuit output (102). Each channel has a preset frequency response. Each channel includes a filter (F1, F2, F3, F4) with a preset frequency response to receive the input signal (12) and to produce a filtered signal, a channel amplifier to amplify the filtered signal to produce a channel output signal, a threshold register (34) to establish a channel threshold level, and a gain circuit (24). The gain circuit increases the gain of the channel amplifier when the channel output signal falls below the channel threshold level and decreases the gain of the channel amplifier when the

channel output signal rises above the channel threshold level. A transducer produces sound in response to the signal passed by the common circuit output.

#### French Abstract

Des circuits de mise en forme spectrale liee au niveau et de gain de compression adaptatif comportent un microphone destine a produire un signal d'entree et plusieurs voies connectees a une sortie (102) de circuit commune. Chaque voie presente une reponse en frequence prereglee et un filtre (F1, F2, F3, F4) a reponse en frequence prereglee qui recoit le signal d'entree (12) et produit un signal filtre, ainsi qu'un amplificateur de voie qui amplifie le signal filtre pour produire un signal de sortie de voie, un registre (34) de seuil qui etablit un niveau de seuil de voie, et un circuit (24) de gain. Ce dernier accroît le gain de l'amplificateur de voie quand le signal de sortie de la voie tombe au-dessous du niveau de seuil de cette voie, et il abaisse le gain de l'amplificateur de voie quand le signal de sortie de la voie depasse le niveau de seuil de cette voie. Un transducteur produit des sons en reaction au signal transmis par la sortie de circuit commune.

#### Fulltext Availability:

Detailed Description

#### Detailed Description

... sectors from a file.

DiskWrite Write sectors to a file.

DiskEject - Eject a disk.

DiskOpen - **Open** a **file** .

DiskClose - **Close** a **file**

DiskSetFPos Set the position of a file's read/write **mark** .

DiskSetEOF Set the **location** of the end of file marker for a file.

DiskSetFInfo Set the finder information for...

?

22/5,K/3 (Item 3 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2004 European Patent Office. All rts. reserv.

01543420

**File and content management**

**Datei- und Inhaltsverwaltung**

**Gestion de fichiers et de contenu**

**PATENT ASSIGNEE:**

Canal+ Technologies Societe Anonyme, (2995881), 34 Place Raoul Dautry,  
75906 Paris Cedex 15, (FR), (Applicant designated States: all)

**INVENTOR:**

Surcouf, Andre c/o Canal+ Technologies SA, 34 Place Raoul Dautry, 75906  
Paris Cedex 15, (FR)

Gaude, Nicolas c/o Canal+ Technologies SA, 34 Place Raoul Dautry, 75906  
Paris Cedex 15, (FR)

**LEGAL REPRESENTATIVE:**

Santarelli (100892), 14, avenue de la Grande Armee, B.P. 237, 75822 Paris  
Cedex 17, (FR)

PATENT (CC, No, Kind, Date): EP 1286351 A2 030226 (Basic)

APPLICATION (CC, No, Date): EP 2002255813 020821;

PRIORITY (CC, No, Date): EP 2001402202 010821; WO 2001IB1845 010824; EP  
2001310888 011224

DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR;  
IE; IT; LI; LU; MC; NL; PT; SE; SK; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G11B-027/10; H04N-005/76

**ABSTRACT EP 1286351 A2**

Disclosed herein is a table (6316) mapping a data offset in a bitstream  
to a corresponding time offset in the bitstream, wherein the  
representation of the bitstream is encoded.

ABSTRACT WORD COUNT: 30

**NOTE:**

Figure number on first page: 18

**LEGAL STATUS (Type, Pub Date, Kind, Text):**

Application: 030226 A2 Published application without search report

Change: 040107 A2 Legal representative(s) changed 20031118

Assignee: 040512 A2 Transfer of rights to new applicant: THOMSON  
Licensing S.A. (2880649) 46, Quai Alphonse Le  
Gallo 92100 Boulogne-Billancourt FR

LANGUAGE (Publication,Procedural,Application): English; English; English

**FULLTEXT AVAILABILITY:**

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200309	2621
SPEC A	(English)	200309	50374
Total word count - document A			52995
Total word count - document B			0
Total word count - documents A + B			52995

...SPECIFICATION impossible, or difficult and inefficient. Such processes  
may be, for instance, fast-forwarding, rewinding, skipping, **bookmarking**  
points in a **file**, controlling **access** to portions of a file, or  
analysing characteristics of a file or bitstream as a...

22/5,K/4 (Item 4 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2004 European Patent Office. All rts. reserv.

01542373

**File and content management**

**Datei- und Inhaltsverwaltung**

**Gestion de fichiers et de contenu**

**PATENT ASSIGNEE:**

Canal+ Technologies Societe Anonyme, (2995881), 34 Place Raoul Dautry,  
75906 Paris Cedex 15, (FR), (Applicant designated States: all)

**INVENTOR:**

Surcouf, Andre, c/o Canal+Technologies Societe Anonyme, 34 Place Raoul  
Dautry 75960 Paris Ced 15, (FR)

Gaude, Nicolas, c/o Canal+Technologies Societe Anonyme, 34 Place Raoul  
Dautry 75960 Paris Ced 15, (FR)

**LEGAL REPRESENTATIVE:**

Rinuy, Santarelli (100891), 14, avenue de la Grande Armee, 75017 Paris,  
(FR)

**PATENT (CC, No, Kind, Date):** EP 1286349 A1 030226 (Basic)

**APPLICATION (CC, No, Date):** EP 2001310888 011224;

**PRIORITY (CC, No, Date):** EP 2001402202 010821

**DESIGNATED STATES:** AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE; TR

**EXTENDED DESIGNATED STATES:** AL; LT; LV; MK; RO; SI

**INTERNATIONAL PATENT CLASS:** G11B-027/10; H04N-005/76

**ABSTRACT EP 1286349 A1**

Disclosed herein is a table (6316) mapping a data offset in a bitstream  
to a corresponding time offset in the bitstream.

**ABSTRACT WORD COUNT:** 22

**NOTE:**

Figure number on first page: 18

**LEGAL STATUS (Type, Pub Date, Kind, Text):**

Application: 030226 A1 Published application with search report

Change: 030416 A1 Legal representative(s) changed 20030226

Examination: 031015 A1 Date of request for examination: 20030814

Assignee: 040512 A1 Transfer of rights to new applicant: THOMSON  
Licensing S.A. (2880649) 46, Quai Alphonse Le  
Gallo 92100 Boulogne-Billancourt FR

**LANGUAGE (Publication,Procedural,Application):** English; English; English

**FULLTEXT AVAILABILITY:**

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200309	3980
SPEC A	(English)	200309	36555
Total word count - document A			40535
Total word count - document B			0
Total word count - documents A + B			40535

...SPECIFICATION impossible, or difficult and inefficient. Such processes  
may be, for instance, fast-forwarding, rewinding, skipping, **bookmarking**  
points in a **file**, controlling **access** to portions of a file, or  
analysing characteristics of a file or bitstream as a...

**22/5,K/6 (Item 6 from file: 348)**

**DIALOG(R)File 348:EUROPEAN PATENTS**

(c) 2004 European Patent Office. All rts. reserv.

01072711

**System and method for user-interactive bookmarking of information content**

**System und Verfahren zum interaktiven Anbringen von Lesezeichen auf  
Informationsinhalten**

**Systeme et methode de positionnement interactif d'onglets vers le contenu d'informations**

**PATENT ASSIGNEE:**

Nortel Networks Limited, (3029040), World Trade Center of Montreal, 380 St. Antoine Street West, 8th floor, Montreal, Quebec H2Y 3Y4, (CA),  
(Applicant designated States: all)

**INVENTOR:**

Brisebois, Michel A., 95 Colbert, Wakefield, Quebec J0X 3G0, (CA)

**LEGAL REPRESENTATIVE:**

Coyle, Philip Aidan et al (72291), F. R. KELLY & CO. 27 Clyde Road Ballsbridge, Dublin 4, (IE)

PATENT (CC, No, Kind, Date): EP 944009 A2 990922 (Basic)  
EP 944009 A3 020220

APPLICATION (CC, No, Date): EP 99301954 990315;

PRIORITY (CC, No, Date): US 40272 980318

DESIGNATED STATES: DE; FR; GB

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-017/30

**ABSTRACT EP 944009 A2**

A system and method for providing improved bookmarking of remotely provided user-interactive information such as WWW page content are provided. When a bookmark of a page is created, in addition to storing a remote file access pointer such as a universal resource locator, a locator element is stored which identifies a particular subset of the page. When the bookmark is subsequently accessed, only the updated particular subset is displayed, thereby eliminating the need for users to repeatedly scroll through material in which they are not interested. A super-bookmarking option is provided which provides for a bookmark which results in the display of a collage of previously created bookmarked material.

ABSTRACT WORD COUNT: 110

**NOTE:**

Figure number on first page: 5C

**LEGAL STATUS (Type, Pub Date, Kind, Text):**

Assignee: 000927 A2 Transfer of rights to new applicant: Nortel Networks Limited (3029040) World Trade Center of Montreal, 380 St. Antoine Street West, 8th floor Montreal, Quebec H2Y 3Y4 CA

Application: 990922 A2 Published application without search report

Assignee: 031008 A2 Transfer of rights to new applicant: Nortel Networks Limited (3029042) 2351 Boulevard Alfred-Nobel St. Laurent, Quebec H4S 2A9 CA

Examination: 021023 A2 Date of request for examination: 20020820

Change: 010613 A2 Legal representative(s) changed 20010423

Search Report: 020220 A3 Separate publication of the search report

LANGUAGE (Publication,Procedural,Application): English; English; English

**FULLTEXT AVAILABILITY:**

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9938	947
SPEC A	(English)	9938	5782
Total word count - document A			6729
Total word count - document B			0
Total word count - documents A + B			6729

...SPECIFICATION a) in the process of creating a bookmark: i)accessing a page having a remote **access file** pointer; ii) selecting a create enhanced bookmark option; iii)storing the remote **access file** pointer in a **bookmark** directory record; iv) also storing in the bookmark directory record at least one locator element...first and second page

coordinate pairs (PX1,PY1) (PX2,PY2), the page identified by the  
bookmark 's remote access file pointer is displayed with the page  
coordinate pair (PX1,PY1) aligned with (BX1,BY2), the...

...CLAIMS 7 wherein said selecting mechanism comprises means for selecting  
previously created enhanced bookmarks, each enhanced bookmark  
containing a remote file access pointer and at least one locator  
element.

10. A system according to claim 7 wherein...

...a) in the process of creating a bookmark:

- i) accessing a page having a remote access file pointer;
- ii) selecting a create enhanced bookmark option;
- iii) storing the remote access file pointer in a bookmark  
directory record;
- iv) also storing in the bookmark directory record at least one locator  
element...

22/5,K/9 (Item 9 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2004 WIPO/Univentio. All rts. reserv.

00945879 \*\*Image available\*\*

**ASSURED ARCHIVAL AND RETRIEVAL SYSTEM FOR DIGITAL INTELLECTUAL PROPERTY**  
**SYSTEME D'ARCHIVAGE ET DE RECHERCHE DOCUMENTAIRE ASSURE POUR PROPRIETE**  
**INTELLECTUELLE NUMERIQUE**

Patent Applicant/Inventor:

ZEE Christopher, #200 - 6948 Leaside Drive S.W., Calgary, Alberta T3E 6H5  
, CA, CA (Residence), CA (Nationality)

Legal Representative:

GOODWIN Sean W (agent), Goodwin Berlin McKay, Suite 360, 237 - 8th Avenue  
S.E., Calgary, Alberta T2G 5C3, CA,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200280050 A2 20021010 (WO 0280050)

Application: WO 2002CA407 20020326 (PCT/WO CA0200407)

Priority Application: US 2001280265 20010329; US 2001864038 20010522; US  
2001333760 20011129; US 2001341214 20011220

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO

RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/60

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 28991

English Abstract

French Abstract

Legal Status (Type, Date, Text)

Publication 20021010 A2 Without international search report and to be  
republished upon receipt of that report.  
Examination 20021219 Request for preliminary examination prior to end of  
19th month from priority date  
Declaration 20030403 Late publication under Article 17.2a  
Republication 20030403 A2 With declaration under Article 17(2)(a); without  
abstract; title not checked by the International  
Searching Authority.  
Withdrawal 20040513 Withdrawal of priority claims after international  
publication: US 60/280,265 20010329  
Withdrawal 20040513 Withdrawal of priority claims after international  
publication: US 09/864,038 20010522  
Withdrawal 20040513 Withdrawal of priority claims after international  
publication: US 60/333,760 20011129  
Withdrawal 20040513 Withdrawal of priority claims after international  
publication: US 60/341,214 20011220

Fulltext Availability:  
Detailed Description

Detailed Description

... access and paying for it, the IP-user can access the IP and create an  
**Access file**.

1 3 The **access file** may include comments, **bookmarks**, highlighting,  
underlining, etc.

1 4 He can then store this **access file** on his computer and link it to  
a number of folders of interest, and/or...

**22/5,K/17 (Item 17 from file: 349)**

DIALOG(R)File 349:PCT FULLTEXT

(c) 2004 WIPO/Univentio. All rts. reserv.

00753864 \*\*Image available\*\*

**SYSTEM FOR STORING, DISTRIBUTING, AND COORDINATING DISPLAYED TEXT OF BOOKS  
WITH VOICE SYNTHESIS  
SYSTEME DE STOCKAGE, DE DISTRIBUTION ET DE COORDINATION DE TEXTE D'OUVRAGES  
AFFICHE AVEC SYNTHESE VOCALE**

Patent Applicant/Inventor:

MARSH Jeffrey D, 7 Country Road, Foristell, MO 63348, US, US (Residence),  
US (Nationality)

Legal Representative:

CUNNINGHAM William B, Polster, Lieder, Woodruff & Lucchesi, L.C., 763  
South New Ballas Road, St. Louis, MO 63141, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200067249 A1 20001109 (WO 0067249)

Application: WO 2000US11182 20000426 (PCT/WO US0011182)

Priority Application: US 99131541 19990429

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE

DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC

LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK

SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G10L-013/08

Publication Language: English

Filing Language: English

Fulltext Availability:  
Detailed Description  
Claims  
Fulltext Word Count: 11584

#### English Abstract

A system and a method uses a computer to play back a text file, such as a book or other document, in a spoken format where the words of the text are played back on a computer sound system and where the words are digitized files of a person's voice. A program is provided for reading the words of the text file to be played back. The computer has access to a plurality of digitized sound files or records spoken by a person. There is a digitized spoken word for substantially every word in the text file or a dictionary of words. A screen of the computer displays the words as they are read, optionally in enlarged format. The data files may be downloaded or ordered and shipped on media with the playback program. The data may be encrypted against copying.

#### French Abstract

L'invention concerne un systeme et un procede utilisant un ordinateur pour relire un fichier texte, par exemple un livre ou un document quelconque, en format vocal, les mots du texte etant lus sur un systeme audio informatique et constituant des fichiers numerises de la voix d'une personne. Un programme permet de lire les mots du fichier texte a relire. L'ordinateur a acces a plusieurs fichiers audio numerises ou a des enregistrements vocaux d'une personne. Pour sensiblement chaque mot dans le fichier texte ou un dictionnaire de mots, il existe un mot prononce numerise. Un ecran d'ordinateur affiche les mots au fur et a mesure qu'ils sont lus, eventuellement en format agrandi. On peut telecharger les fichiers donnees ou les commander et les expedier sur des supports accompagnes du programme d'audition. On peut crypter les donnees afin de les proteger contre le piratage.

Legal Status (Type, Date, Text)

Publication 20001109 A1 With international search report.

Examination 20001221 Request for preliminary examination prior to end of 19th month from priority date

Fulltext Availability:  
Detailed Description  
Claims

#### Detailed Description

... reading" the book prior to finishing. The "pages" of the book is stored as individual **files**. A **bookmark** is the **file** number of the page as well as the offset into that file that represented the last word "read". Once a page was "**opened**" (the **file** read into memory), the page is expanded by reading the encryption key that was placed...

#### Claim

... MORE  
F ASCII BOOK  
ILE  
NE  
F IG 6  
/14  
BOOK READER PROGRAM (OPTIMAL BOOKS)  
**OPEN** SPOKEN BOOK **DATABASE**  
I  
POSITION FILE POINTER TO TOP OF FILE  
I



SET UP DEFAULT SPEED, PITCH AND DELAY VALUES  
@F  
TEST HARD DRIVE FOR BOOK MARK FILE  
NO  
< X  
YES  
PROMPT USER TO SELECT BOOK MARK  
I  
READ SAVED SETTINGS FOR SPEED...  
...NOT DONE  
OF A K  
L  
ONE  
FIG, 10  
/14  
BOOK READER PROGRAM (OPTIMAL BOOKS)  
OPEN SPOKEN BOOK DATABASE  
I  
POSITION FILE POINTER TO TOP OF FILE  
SET UP DEFAULT SPEED, PITCH AND DELAY VALUES  
I  
TEST HARD DRIVE FOR BOOK MARK FILE  
NO  
x  
E  
PROMPT USER TO SELECT BOOK MARK  
I  
READ SAVED SETTINGS FOR SPEED...  
? t22/5,k/21,25

22/5,K/21 (Item 21 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2004 WIPO/Univentio. All rts. reserv.

00551252 \*\*Image available\*\*  
APPARATUS AND METHOD FOR DESIGNATING INFORMATION TO BE RETRIEVED OVER A  
COMPUTER NETWORK  
APPAREIL ET PROCEDE POUR LA DESIGNATION DES INFORMATIONS A EXTRAIRE PAR LE  
BIAIS D'UN RESEAU INFORMATIQUE  
Patent Applicant/Assignee:  
SONY ELECTRONICS INC,  
Inventor(s):  
SUGIARTO Basuki Afandi,  
ZHOU Joe Zexuan,  
Patent and Priority Information (Country, Number, Date):  
Patent: WO 200014625 A1 20000316 (WO 0014625)  
Application: WO 99US19617 19990827 (PCT/WO US9919617)  
Priority Application: US 98146855 19980903  
Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE  
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT  
LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT  
UA UG UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD RU  
TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG  
CI CM GA GN GW ML MR NE SN TD TG  
Main International Patent Class: G06F-003/14  
International Patent Class: G06F-015/16  
Publication Language: English  
Fulltext Availability:  
Detailed Description  
Claims  
Fulltext Word Count: 7505

#### English Abstract

A system and method for designating and retrieving information over the internet. At least one webpage (850, 954, 1058) is accessed and individual portions (324, 326, 328, 330) of the at least one webpage (850, 954, 1058) are designated, each of the individual portions (324, 326, 328, 330) being associated with an underlying information content. The designated individual portions (324, 326, 328, 330) of the at least one webpage (850, 954, 1058) are positioned within a single configuration display screen (570) and the format of the single configuration display screen (570) including the designated individual portions (324, 326, 328, 330) of each webpage (850, 954, 1058) are stored in a configuration file (410). The configuration file (410) and underlying information content associated with each of the designated individual portions (324, 326, 328, 330) are retrieved and positioned on an output display screen (10) in accordance with the configuration file (410).

#### French Abstract

L'invention concerne un systeme et un procede de designation et d'extraction d'informations sur l'Internet. L'accès au moins a une page Web (850, 954, 1058) est effectuee et des parties individuelles (324, 326, 328, 330) de la ou les pages Web (850, 954, 1058) sont designees, chacune des parties individuelles (324, 326, 328, 330) etant associee a un contenu sous-jacent d'informations. Les parties individuelles designees (324, 326, 328, 330) de la ou les pages Web (850, 954, 1058) sont placees a l'interieur d'un ecran d'affichage a configuration unique (570), et le format de l'ecran d'affichage a configuration unique (570) comprenant les parties individuelles designees (324, 326, 328, 330) de chaque page Web (850, 954, 1058) est stocke dans un fichier de configuration (410). Le fichier de configuration (410) et le contenu sous-jacent d'informations associe a chacune des parties individuelles designees (324, 326, 328, 330) sont extraits et places sur un ecran d'affichage de sortie (10) conformement au fichier de configuration (410).

Fulltext Availability:  
Detailed Description

#### Detailed Description

... Figs. 2 and 4, personal administration page 205a'includes choices for generating a new configuration **file** 206, **opening** an existing configuration **file** 207, deleting an existing configuration file 208, and renaming an existing configuration **file** 209. An upload **bookmarks** choice 210 is also provided which allows a user to upload bookmarks from the user...

22/5,K/25 (Item 25 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2004 WIPO/Univentio. All rts. reserv.

00422177 \*\*Image available\*\*

**A METHOD AND APPARATUS FOR DOCUMENT MANAGEMENT UTILIZING A MESSAGING SYSTEM  
PROCEDE ET APPAREIL DE GESTION DE DOCUMENTS UTILISANT UN SYSTEME DE  
MESSAGERIE**

Patent Applicant/Assignee:

PORTER Jack Edward,  
BRIMHALL Geoffrey Leroy,  
CRANE William Montgomery,  
O'GORMAN Liam Patrick,

Inventor(s):

PORTER Jack Edward,

BRIMHALL Geoffrey Leroy,  
CRANE William Montgomery,  
O'GORMAN Liam Patrick,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9812638 A1 19980326  
Application: WO 97US15953 19970908 (PCT/WO US9715953)  
Priority Application: US 96711065 19960909

Designated States: AL AM AT AT AU AZ BA BB BG BR BY CA CH CN CU CZ CZ DE DE  
DK DK EE EE ES FI FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS  
LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK SL TJ TM  
TR TT UA UG UZ VN YU ZW GH KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ  
TM AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM  
GA GN ML MR NE SN TD TG

Main International Patent Class: G06F-012/00

International Patent Class: G06F-12:14; G06F-12:16

Publication Language: English

Fulltext Availability:

Detailed Description  
Claims

Fulltext Word Count: 9569

English Abstract

The content (230) of a document is stored in a file system (220), within an operation system (200), while the profile (260) of the document is stored in a messaging system (240) within a messaging system (240). The profile of the document is accessed upon request, and the document content is accessed based upon the content of the profile.

French Abstract

Le contenu (230) d'un document est memorise dans un systeme de fichier (220) a l'interieur d'un systeme d'exploitation (200) et le profil (260) du document est memorise dans un systeme de messagerie (240). L'accès au profil du document s'effectue sur demande et l'accès au contenu du document est base sur le contenu du profil.

Fulltext Availability:

Detailed Description

Detailed Description

... are documents that the user has determined are important. Favorite places is a list of **bookmarks**, **files** that the user can access directly without navigating through the file hierarchy. For example, a user regularly **accesses** a **file** listing the

File 2:INSPEC 1969-2004/May W2  
(c) 2004 Institution of Electrical Engineers  
File 6:NTIS 1964-2004/May W3  
(c) 2004 NTIS, Intl Cpyrght All Rights Res  
File 8:Ei Compendex(R) 1970-2004/May W2  
(c) 2004 Elsevier Eng. Info. Inc.  
File 34:SciSearch(R) Cited Ref Sci 1990-2004/May W2  
(c) 2004 Inst for Sci Info  
File 35:Dissertation Abs Online 1861-2004/Apr  
(c) 2004 ProQuest Info&Learning  
File 65:Inside Conferences 1993-2004/May W3  
(c) 2004 BLDSC all rts. reserv.  
File 94:JICST-EPlus 1985-2004/Apr W4  
(c)2004 Japan Science and Tech Corp(JST)  
File 95:TEME-Technology & Management 1989-2004/May W1  
(c) 2004 FIZ TECHNIK  
File 99:Wilson Appl. Sci & Tech Abs 1983-2004/Apr  
(c) 2004 The HW Wilson Co.  
File 111:TGG Natl.Newspaper Index(SM) 1979-2004/May 19  
(c) 2004 The Gale Group  
File 144:Pascal 1973-2004/May W2  
(c) 2004 INIST/CNRS  
File 202:Info. Sci. & Tech. Abs. 1966-2004/May 14  
(c) 2004 EBSCO Publishing  
File 233:Internet & Personal Comp. Abs. 1981-2003/Sep  
(c) 2003 EBSCO Pub.  
File 266:FEDRIP 2004/Mar  
Comp & dist by NTIS, Intl Copyright All Rights Res  
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec  
(c) 1998 Inst for Sci Info  
File 483:Newspaper Abs Daily 1986-2004/May 18  
(c) 2004 ProQuest Info&Learning  
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13  
(c) 2002 The Gale Group  
File 603:Newspaper Abstracts 1984-1988  
(c)2001 ProQuest Info&Learning  
File 438:Library Lit. & Info. Science 1984-2004/Apr  
(c) 2004 The HW Wilson Co

Set	Items	Description
S1	1292583	POSITION? ?
S2	782146	LOCATION? ?
S3	7	S1:S2(3N) (BOOKMARK? OR BOOK()MARK??? ?)
S4	1524	S1:S2(3N) (SAVE OR SAVES OR SAVED OR SAVING OR REMEMBER? OR RECALL?)
S5	6783	S1:S2(3N) (MARK OR MARKS OR MARKED OR MARKING OR MARKER? ? - OR FLAG OR FLAGS OR FLAGGED OR FLAGGING? OR TAG OR TAGS OR TAGGED OR TAGGED)
S6	414	S1:S2(3N) POINTER? ?
S7	332820	FILE OR FILES OR DATAFILE? ?
S8	682577	TABLE OR TABLES OR SPREADSHEET? OR SPREAD()SHEET? ?
S9	1004573	DATABASE? ? OR DIRECTORY? OR DIRECTORIES OR DATASET? OR DATABANK? OR DATA() (BASE? ? OR SET? ? OR BANK? ?)
S10	40958	S7:S9(3N) (OPEN??? ? OR REOPEN? OR ACCESS OR ACCESSE? ? OR - ACCESSING OR REACCESS?)
S11	2450	S7:S9(3N) (CLOSE OR CLOSES OR CLOSED OR CLOSING OR EXIT? OR EGRESS?)
S12	6173	S1:S2(3N) (STORE OR STORES OR STORED OR STORING OR STORAGE)
S13	86	(S3:S6 OR S12) AND S10
S14	1	S13 AND S11
S15	25	S13/2002:2004

S16            61    S13 NOT S15  
S17            45    RD (unique items)

17/7/11        (Item 11 from file: 2)  
DIALOG(R)File    2:INSPEC  
(c) 2004 Institution of Electrical Engineers. All rts. reserv.

4642432    INSPEC Abstract Number: C9405-6120-035

**Title: The Restore-o-Mounter: the file motel revisited**

Author(s): Moran, J.; Lyon, B.

Conference Title: Proceedings of the Summer 1993 USENIX Conference    p.  
45-58

Publisher: USENIX Assoc, Berkeley, CA, USA

Publication Date: 1993    Country of Publication: USA    321 pp.

Conference Title: Proceedings of the Summer 1993 USENIX Conference

Conference Date: 21-25 June 1993    Conference Location: Cincinnati, OH,  
USA

Language: English    Document Type: Conference Paper (PA)

Treatment: Practical (P)

Abstract: The authors present a scheme for referencing and **accessing** saved **files** in a manner that is transparent to UNIX applications. The scheme requires no kernel modifications. Instead, it uses a 'mounted' process that allows users to change directories to the past and browse their saved files with their favorite utilities. The mounted process acts as a protocol gateway between NFS and a commercially available network backup product. Time travel is supported; users may change directories to any moment in the past. Any saved version (not just the most recent version) of any file can be viewed or recovered, even if the file has since been deleted. Using this transparent method of retrieving saved files by naming their location in the past, a poor man's file migration scheme can be implemented by substituting a symbolic link in to a **saved location** for a file. Once a file is referenced, the symbolic link can be replaced with its original file. This migration scheme requires no kernel modifications yet remains transparent to UNIX applications and users. (13 Refs)

Subfile: C

17/7/15        (Item 15 from file: 2)  
DIALOG(R)File    2:INSPEC  
(c) 2004 Institution of Electrical Engineers. All rts. reserv.

01332791    INSPEC Abstract Number: C79011404

**Title: Organization and access of image data by areas**

Author(s): Klinger, A.; Rhodes, M.L.

Author Affiliation: Computer Sci. Dept., Univ. of California, Los Angeles, CA, USA

Journal: IEEE Transactions on Pattern Analysis and Machine Intelligence  
vol.PAMI-1, no.1    p.50-60

Publication Date: Jan. 1979    Country of Publication: USA

CODEN: ITPIDJ    ISSN: 0162-8828

Language: English    Document Type: Journal Paper (JP)

Treatment: Theoretical (T)

Abstract: Deals with methods for indexing areas in two-dimensional array data. A method for naming subpictures from raster-scan image data is presented with notation that eases their subsequent storage access. Equations are given for converting each subpicture name into a **storage - location pointer**. A function NERMIC is described that aids this task. Algorithms enabling efficient retrieval of subpicture areas from sequential and direct **access** files are presented. Examples are given that show

that improved retrieval response is possible from using MERIC to sort lists of areas to be recalled. The paper includes an overview of tree data structures, the subject implemented by these techniques. An overlapping picture subareas storage scheme is discussed. (20 Refs)

Subfile: B C

17/7/16 (Item 16 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2004 Institution of Electrical Engineers. All rts. reserv.

01224702 INSPEC Abstract Number: C78020666

**Title: Performance analysis of the chaining method for random-access addressing**

Author(s): Mendelson, H.; Yechiali, U.

Author Affiliation: Tel Aviv Univ., Tel Aviv, Israel

Book Title: Computer performance p.341-61

Editor(s): Chandy, K.M.; Reiser, M.

Publisher: North-Holland, Amsterdam, Netherlands

Publication Date: 1977 Country of Publication: Netherlands xiii+564 pp.

ISBN: 0 444 85038 4

Language: English Document Type: Book Chapter (BC)

Treatment: Theoretical (T); Experimental (X)

**Abstract:** Considers a random- **access file** with **N storage locations**. Records are added to the file from time to time. A record with key Omega in Omega is hashed to **storage location F( omega )**. A collision is resolved by the following chaining method: all records hashed to the same location are chained to each other to form a list structure. (6 Refs)

Subfile: C

17/7/17 (Item 17 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2004 Institution of Electrical Engineers. All rts. reserv.

00215822 INSPEC Abstract Number: C71003308

**Title: Stream input/output in the ESDL (ETL's system description language) translator**

Author(s): Saito, N.; Sato, M.

Journal: Bulletin of the Electrotechnical Laboratory vol.34, no.5-6 p.154-62

Publication Date: 1970 Country of Publication: Japan

CODEN: DESIA7 ISSN: 0366-9092

Language: Japanese Document Type: Journal Paper (JP)

**Abstract:** In the ESDL translator all the intermediate data take such a form of stream data as consists of any number of unit elements arranged serially. In order to implement them by using disk files, an efficient stream control module is designed, and it exclusively manages all the stream data in the translator. Each stream file has its own **pointer** which denotes the **location** of a unit element relative to the top of the **file**, and the **access** to a unit element is done by the use of it. Several stream operation commands are prepared for handling stream data.

Subfile: C

? t17/7/31,43

17/7/31 (Item 7 from file: 8)

DIALOG(R)File 8:Ei Compendex(R)

(c) 2004 Elsevier Eng. Info. Inc. All rts. reserv.

00671179 E.I. Monthly No: EI7712090368 E.I. Yearly No: EI77041658

**Title: ACCESSING IMAGE DATA.**

Author: Klinger, Allen; Rhodes, Michael L.; To, Victor T.

Corporate Source: Univ of Calif, Los Angeles

Source: IEEE Comput Soc Conf on Pattern Recognition and Image Process, Proc, Rensselaer Polytech Inst, Troy, NY, Jun 6-8 1977 Publ by IEEE (77CH1208-9C), New York, NY, 1977 p 29-37

Publication Year: 1977

Language: ENGLISH

Journal Announcement: 7712

Abstract: This paper concerns methods for indexing areas in two-dimensional array data. A method for naming subpictures from raster scan image data is presented with notation that eases their subsequent storage access. Equations are given for converting each subpicture name into a **storage - location pointer**. A function "NUMERIC" to take an area name and return its unique relative offset on auxiliary storage is presented. Algorithms enabling efficient retrieval of subpicture areas from sequential and direct **access files** are presented. 15 refs.

**17/7/43 (Item 2 from file: 233)**

DIALOG(R)File 233:Internet & Personal Comp. Abs.

(c) 2003 EBSCO Pub. All rts. reserv.

00630094 01PI05-038

**Mac OS X**

Kaven, Oliver

PC Magazine , May 8, 2001 , v20 n9 p126, 1 Page(s)

ISSN: 0888-8507

Company Name: Apple Computer

URL: <http://www.apple.com>

Product Name: Mac OS X

Presents a favorable review of Mac OS X (\$129), desktop operating system from Apple Computer. Explains that it is built on a customized variant of the mach3 Unix kernel and BSD Linux, providing more stability to programs and demonstrating true multitasking capabilities. Highlights an extremely user-friendly interface, dragging and dropping of applications to the taskbar, pop-up list in the Finder that **marks the location** of an active folder in the file-system tree hierarchy, native versions of QuickTime player and StuffIt, Internet mail client similar to Microsoft Outlook, support for Lightweight **Directory Access Protocol (LDAP)**, **File Transfer Protocol** server, and the Apache Web server. Mentions, however, that Music Player does not have DVD support. Concludes that it brings value to existing Apple users. Includes a screen display. (MEM)  
? t17/7/44

**17/7/44 (Item 3 from file: 233)**

DIALOG(R)File 233:Internet & Personal Comp. Abs.

(c) 2003 EBSCO Pub. All rts. reserv.

00193072 89PX05-031

**MicroSimplan Mainframe magic on your micro**

Hinton, James C

PCM , May 1, 1989 , v6 n11 p136-138, 3 Pages

ISSN: 0747-0460

Presents a very favorable review of MicroSimplan (\$895), a spreadsheet/database program specializing in financial modeling applications, from Simplan Systems, Inc. of Chapel Hill, NC (919). Requires an IBM PC or PS/2 compatible with 384K of memory, and a two-diskette system. A hard drive with at least 1.75MB of storage is recommended. Says

the model logic data is totally independent of the spreadsheet itself, giving user a lot of freedom. **Spreadsheet** data is **accessed** by variable name instead of **position** , and can be **stored** in three dimensions. MicroSimplan has its own communications software, allowing user to upload or download data or text with mainframes running Simplan and with other micros running MicroSimplan. Says it is a very impressive program. (irl)  
?



File 696:DIALOG Telecom. Newsletters 1995-2004/May 19  
(c) 2004 The Dialog Corp.  
File 15:ABI/Inform(R) 1971-2004/May 19  
(c) 2004 ProQuest Info&Learning  
File 98:General Sci Abs/Full-Text 1984-2004/May  
(c) 2004 The HW Wilson Co.  
File 141:Readers Guide 1983-2004/May  
(c) 2004 The HW Wilson Co  
File 484:Periodical Abs Plustext 1986-2004/May W3  
(c) 2004 ProQuest  
File 813:PR Newswire 1987-1999/Apr 30  
(c) 1999 PR Newswire Association Inc  
File 613:PR Newswire 1999-2004/May 20  
(c) 2004 PR Newswire Association Inc  
File 635:Business Dateline(R) 1985-2004/May 19  
(c) 2004 ProQuest Info&Learning  
File 810:Business Wire 1986-1999/Feb 28  
(c) 1999 Business Wire  
File 610:Business Wire 1999-2004/May 20  
(c) 2004 Business Wire.  
File 369:New Scientist 1994-2004/May W2  
(c) 2004 Reed Business Information Ltd.  
File 370:Science 1996-1999/Jul W3  
(c) 1999 AAAS  
File 20:Dialog Global Reporter 1997-2004/May 20  
(c) 2004 The Dialog Corp.  
File 624:McGraw-Hill Publications 1985-2004/May 19  
(c) 2004 McGraw-Hill Co. Inc  
File 634:San Jose Mercury Jun 1985-2004/May 19  
(c) 2004 San Jose Mercury News  
File 647:CMP Computer Fulltext 1988-2004/May W2  
(c) 2004 CMP Media, LLC  
File 674:Computer News Fulltext 1989-2004/May W3  
(c) 2004 IDG Communications

Set	Items	Description
S1	3895337	POSITION? ?
S2	1821395	LOCATION? ?
S3	140	S1:S2(3N)(BOOKMARK? OR BOOK()MARK??? ?)
S4	8283	S1:S2(3N)(SAVE OR SAVES OR SAVED OR SAVING OR REMEMBER? OR RECALL?)
S5	14009	S1:S2(3N)(MARK OR MARKS OR MARKED OR MARKING OR MARKER? ? - OR FLAG OR FLAGS OR FLAGGED OR FLAGGING? OR TAG OR TAGS OR TAGGED OR TAGGED)
S6	429	S1:S2(3N)POINTER? ?
S7	1460615	FILE OR FILES OR DATAFILE? ?
S8	1441721	TABLE OR TABLES OR SPREADSHEET? OR SPREAD()SHEET? ?
S9	1201194	DATABASE? ? OR DIRECTORY? OR DIRECTORIES OR DATASET? OR DATABANK? OR DATA() (BASE? ? OR SET? ? OR BANK? ?)
S10	147619	S7:S9(3N)(OPEN??? ? OR REOPEN? OR ACCESS OR ACCESSE? ? OR - ACCESSING OR REACCESS?)
S11	13045	S7:S9(3N)(CLOSE OR CLOSES OR CLOSED OR CLOSING OR EXIT? OR EGRESS?)
S12	58866	S1:S2(3N)(STORE OR STORES OR STORED OR STORING OR STORAGE)
S13	196	(S3:S6 OR S12)(S)S10
S14	3	S13(S)S11
S15	3	RD (unique items)

15/3,K/1 (Item 1 from file: 141)  
DIALOG(R)File 141:Readers Guide  
(c) 2004 The HW Wilson Co. All rts. reserv.

04268289 H.W. WILSON RECORD NUMBER: BRGA00018289 (USE FORMAT 7 FOR  
FULLTEXT)

**Protect e-mailed documents from changes.**

AUGMENTED TITLE: in Word 97 and 2000

Campbell, George.

PC World v. 18 no4 (Apr. 2000) p. 238-9

WORD COUNT: 1605

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

... WORDPERFECT 8 AND 9:

WordPerfect makes it easier. You can simply tell the program to **remember**  
your **location** when you **save** the document, and it will jump to that spot  
the next time you open it...

...the Bookmark dialog box, select Set "QuickMark on file save" and "Go to  
QuickMark on **file open** ." Then click **Close** . This becomes the default  
setting and applies to all documents.

Shut Down Word's Spelling...

?

File 347:JAPIO Nov 1976-2004/Jan(Updated 040506)

(c) 2004 JPO & JAPIO

File 350:Derwent WPIX 1963-2004/UD,UM &UP=200431

(c) 2004 Thomson Derwent

Set	Items	Description
S1	2185950	POSITION? ?
S2	245586	LOCATION? ?
S3	67	S1:S2(3N) (BOOKMARK? OR BOOK()MARK??? ?)
S4	1288	S1:S2(3N) (SAVE OR SAVES OR SAVED OR SAVING OR REMEMBER? OR RECALL?)
S5	20074	S1:S2(3N) (MARK OR MARKS OR MARKED OR MARKING OR MARKER? ? - OR FLAG OR FLAGS OR FLAGGED OR FLAGGING? OR TAG OR TAGS OR TAGGED OR TAGGED)
S6	3069	S1:S2(3N) POINTER? ?
S7	115120	FILE OR FILES OR DATAFILE? ?
S8	326526	TABLE OR TABLES OR SPREADSHEET? OR SPREAD() SHEET? ?
S9	156218	DATABASE? ? OR DIRECTORY? OR DIRECTORIES OR DATASET? OR DATABANK? OR DATA() (BASE? ? OR SET? ? OR BANK? ?)
S10	19215	S7:S9(3N) (OPEN??? ? OR REOPEN? OR ACCESS OR ACCESSE? ? OR - ACCESSING OR REACCESS?)
S11	1760	S7:S9(3N) (CLOSE OR CLOSES OR CLOSED OR CLOSING OR EXIT? OR EGRESS?)
S12	46705	S1:S2(3N) (STORE OR STORES OR STORED OR STORING OR STORAGE)
S13	468	(S3:S6 OR S12) AND S10
S14	11	S13 AND S11
S15	45	S7(3N) (BOOKMARK? OR BOOK()MARK???? ?)
S16	4	S15 AND S10
S17	0	S15 AND S11
S18	20180	IC='G06F-007/00':IC='G06F-007/08'
S19	44278	IC='G06F-007'
S20	25	S13 AND S19
S21	8796	MC='T01-F05E'
S22	1950	MC='T01-F05G3'
S23	1784	MC='T01-F05G5'
S24	36	S13 AND S21:S23
S25	58	(S20 OR S24) NOT (S14 OR S16)
S26	58	IDPAT (sorted in duplicate/non-duplicate order)
S27	58	IDPAT (primary/non-duplicate records only)

27/9/14 (Item 14 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

015205719 \*\*Image available\*\*

WPI Acc No: 2003-266254/200326

XRPX Acc No: N03-211461

**Compressed data access method in computer system involves using pointers for pre-fetching subsequent compressed data block in data block chain, while decompressing previous compressed data block**

Patent Assignee: AGLIETTI R B (AGLI-I); ROY S (ROYS-I); WILSON K M (WILS-I); HEWLETT-PACKARD DEV CO LP (HEWP)

Inventor: AGLIETTI R B; ROY S; WILSON K M

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020178332	A1	20021128	US 2001864036	A	20010522	200326 B
US 6654867	B2	20031125	US 2001864036	A	20010522	200378

Priority Applications (No Type Date): US 2001864036 A 20010522

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

US 20020178332 A1 10 G06F-012/00

US 6654867 B2 G06F-009/38

Abstract (Basic): US 20020178332 A1

NOVELTY - A first pointer (220) of a compressed data block (210) is obtained by **accessing** a **table** (200) of **pointers** specifying the **location** of the data (230), for transferring the data blocks to be decompressed. The second pointer is read from the compressed data block, for pre-fetching subsequent data block in the chain of compressed data blocks, while de-compressing the compressed data block.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

(1) memory management system; and

(2) computer readable medium storing compressed data access program.

USE - For accessing compressed data in memory such as random access memory (RAM) and read only memory (ROM) of computer system.

ADVANTAGE - By minimizing the number of pointers used to access compressed data block in a chain, the compressed data are read quickly, and the memory is utilized efficiently

DESCRIPTION OF DRAWING(S) - The figure shows a table specifying the location of compressed data and chains of compressed data blocks.

table (200)

compressed data block (210)

first pointer (220)

data (230)

pp; 10 DwgNo 1/5

Title Terms: COMPRESS; DATA; ACCESS; METHOD; COMPUTER; SYSTEM; POINT; PRE; FETCH; SUBSEQUENT; COMPRESS; DATA; BLOCK; DATA; BLOCK; CHAIN; DECOMPRESS; COMPRESS; DATA; BLOCK

Derwent Class: T01

International Patent Class (Main): G06F-009/38; G06F-012/00

File Segment: EPI

Manual Codes (EPI/S-X): T01-F03A; T01-F03B; **T01-F05E** ; T01-S03

27/9/17 (Item 17 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

015138076 \*\*Image available\*\*

WPI Acc No: 2003-198602/200319

Related WPI Acc No: 2002-566953; 2003-074756; 2003-090905; 2003-102825;

2003-102942; 2003-110871; 2003-156363; 2003-174622; 2003-174624;

2003-198567; 2003-198603; 2003-198604; 2003-199853; 2003-209442;

2003-238461; 2003-265798; 2003-266196; 2003-276087; 2003-276243;

2003-288711

XRPX Acc No: N03-157824

**Computer** storage system allocates space for new distributed parity group  
**from free space on disk drives**

Patent Assignee: BOLSTAD G D (BOLS-I); PRIESTER W G (PRIE-I); RANDALL J G (RAND-I); SCHWEITZER J R (SCHW-I); STAUB J R (STAU-I); ULRICH T R (ULRI-I)

Inventor: BOLSTAD G D; PRIESTER W G; RANDALL J G; SCHWEITZER J R; STAUB J R ; ULRICH T R

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020156973	A1	20021024	US 2001264668	P	20010129	200319 B
			US 2001264669	P	20010129	
			US 2001264670	P	20010129	

US 2001264671	P	20010129
US 2001264672	P	20010129
US 2001264673	P	20010129
US 2001264694	P	20010129
US 2001302424	P	20010629
US 200260863	A	20020129

Priority Applications (No Type Date): US 200260863 A 20020129; US 2001264668 P 20010129; US 2001264669 P 20010129; US 2001264670 P 20010129; US 2001264671 P 20010129; US 2001264672 P 20010129; US 2001264673 P 20010129; US 2001264694 P 20010129; US 2001302424 P 20010629

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020156973	A1		95	G06F-012/00	Provisional application US 2001264668

Provisional application US 2001264669  
 Provisional application US 2001264670  
 Provisional application US 2001264671  
 Provisional application US 2001264672  
 Provisional application US 2001264673  
 Provisional application US 2001264694  
 Provisional application US 2001302424

Abstract (Basic): US 20020156973 A1

NOVELTY - Multiple disk drives store distributed parity groups, such that no two storage blocks from a given parity group reside on the same disk drive. A file system metadata describes the **location** of each **storage** block and a new distributed parity group is stored in the disk drives free space.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for storage array management method.

USE - Computer storage system for data storage, backup and recovery.

ADVANTAGE - Enables a user to freely **access** any **file** without having specific knowledge of files in current physical location, by describing the **location** of the **storage** block. Optimizes the usage of disk space, provides high capacity, throughput and storage reliability, by storing the new distributed parity group in the free space on the disk drives.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of metadata structure.

pp; 95 DwgNo 3/44

Title Terms: COMPUTER; STORAGE; SYSTEM; ALLOCATE; SPACE; NEW; DISTRIBUTE; PARITY; GROUP; FREE; SPACE; DISC; DRIVE

Derwent Class: T01; T03

International Patent Class (Main): G06F-012/00

File Segment: EPI

Manual Codes (EPI/S-X): **T01-F05E** ; T01-G01A1; T01-H01B1A; T01-J05B2; T03-A08A5A

? t27/9/22-23,30,36

**27/9/22 (Item 22 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

014543568 \*\*Image available\*\*

WPI Acc No: 2002-364271/200240

XRPX Acc No: N02-284660

**Internet based virtual storage system accesses entries in table stored in volatile memory of mapping agent to determine storage device locations**

Patent Assignee: COMPAQ COMPUTER CORP (COPQ ); COMPAQ INFORMATION  
TECHNOLOGIES INC (COPQ ); BEAN R G (BEAN-I); REUTER J M (REUT-I); THIEL  
D W (THIE-I); WRENN R F (WREN-I); LARY R F (LARY-I); HELLIWELL R P  
(HELL-I); HEWLETT-PACKARD DEV CO LP (HEWP )

Inventor: BEAN R; REUTER J M; THIEL D; WRENN R F; BEAN R G; THIEL D W; LARY  
R F; HELLIWELL R P

Number of Countries: 028 Number of Patents: 008

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 1178407	A2	20020206	EP 2001304846	A	20010601	200240 B
JP 2002091706	A	20020329	JP 2001166124	A	20010601	200240
US 20020019920	A1	20020214	US 2000209109	P	20000602	200240
			US 2000209326	P	20000602	
			US 2001872597	A	20010601	
US 20020019922	A1	20020214	US 2000209109	P	20000602	200240
			US 2000209326	P	20000602	
			US 2001872721	A	20010601	
US 20020019923	A1	20020214	US 2000209109	P	20000602	200240
			US 2000209326	P	20000602	
			US 2001872980	A	20010601	
US 20020026558	A1	20020228	US 2000209109	P	20000602	200240
			US 2000209326	P	20000602	
			US 2001872970	A	20010601	
US 20020029326	A1	20020307	US 2000209109	P	20000602	200240
			US 2000209326	P	20000602	
			US 2001872962	A	20010601	
US 6718404	B2	20040406	US 2000209109	P	20000602	200425
			US 2000209326	P	20000602	
			US 2001872721	A	20010601	

Priority Applications (No Type Date): US 2000209326 P 20000602; US  
2000209109 P 20000602; US 2001872597 A 20010601; US 2001872721 A 20010601  
; US 2001872980 A 20010601; US 2001872970 A 20010601; US 2001872962 A  
20010601

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
EP 1178407	A2	E 15	G06F-012/10	
Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR				
JP 2002091706	A	39	G06F-003/06	
US 20020019920	A1		G06F-012/00	Provisional application US 2000209109
				Provisional application US 2000209326
US 20020019922	A1		G06F-012/00	Provisional application US 2000209109
				Provisional application US 2000209326
US 20020019923	A1		G06F-012/10	Provisional application US 2000209109
				Provisional application US 2000209326
US 20020026558	A1		G06F-012/08	Provisional application US 2000209109
				Provisional application US 2000209326
US 20020029326	A1		G06F-012/10	Provisional application US 2000209109
				Provisional application US 2000209326
US 6718404	B2		G06F-013/14	Provisional application US 2000209109
				Provisional application US 2000209326

Abstract (Basic): EP 1178407 A2

NOVELTY - A mapping agent (110) has a volatile memory (111) to  
store a copy of a table, which has entries to map virtual disk

positions to respective locations on storage device. A controller (120) has non-volatile memory (121) to store another copy of a table, which may replace the table stored by the mapping agent. A host (140) accesses entries in the table stored by the mapping agent to determine storage device locations.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (a) System for mapping a virtual disk segment to a storage device;
- (b) Method for performing an operation on a virtual disk connected to a host within a network;
- (c) Method for maintaining a table for mapping virtual disk blocks;

(d) Computer program product storing program for performing an operation on a virtual disk

USE - Virtual data storage system for connecting storage devices such as hard disk, floppy disk, tape and optical drive through Internet.

ADVANTAGE - The scalability of the distributed virtual storage system is improved. The cost and complexity for implementing the mapping agent is reduced by storing the disk position table in the virtual memory of the mapping agent.

DESCRIPTION OF DRAWING(S) - The figure shows the distributed virtual storage area network.

Mapping agent (110)  
Volatile memory (111)  
Controller (120)  
Non-volatile memory (121)  
Host (140)  
pp; 15 DwgNo 3A/4

Title Terms: BASED; VIRTUAL; STORAGE; SYSTEM; ACCESS; ENTER; TABLE; STORAGE ; VOLATILE; MEMORY; MAP; AGENT; DETERMINE; STORAGE; DEVICE; LOCATE

Derwent Class: T01

International Patent Class (Main): G06F-003/06; G06F-012/00; G06F-012/08; G06F-012/10; G06F-013/14

File Segment: EPI

Manual Codes (EPI/S-X): T01-F05E ; T01-F05G3 ; T01-H01A; T01-H03A; T01-N01D; T01-S03

27/9/23 (Item 23 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

014494363 \*\*Image available\*\*

WPI Acc No: 2002-315066/200235

Related WPI Acc No: 2002-315063; 2002-315064; 2002-315065; 2002-403537; 2002-472965; 2003-719775

XRPX Acc No: N02-246649

Method for providing data to application program involves accessing result table storing location identifier for columns in base table and having columns for each column in query select list

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC )

Inventor: CHEN Y C S; SHYAM K; WATTS J A

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020029212	A1	20020307	US 2000656558	A	20000907	200235 B
			US 2001915869	A	20010726	

Priority Applications (No Type Date): US 2000656558 A 20000907; US

2001915869 A 20010726

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
US 20020029212 A1 27 G06F-007/00 Cont of application US 2000656558

Abstract (Basic): US 20020029212 A1

NOVELTY - A result table (50) including location identifier for rows in a database table (60) and having a column for each column in query select list is generated. The result table is accessed to return requested data from the database table to an application program.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (a) System for providing data to application program;
- (b) Program for providing data to application program;
- (c) Recorded medium storing data providing program

USE - For providing data from database table to an application program.

ADVANTAGE - Implementation of scrollable cursors in database management system is enabled.

DESCRIPTION OF DRAWING(S) - The figure shows a relationship between rows in a result table and an underlying database table.

Result table (50)

Database table (60)

pp; 27 DwgNo 2/14

Title Terms: METHOD; DATA; APPLY; PROGRAM; ACCESS; RESULT; TABLE; STORAGE; LOCATE; IDENTIFY; COLUMN; BASE; TABLE; COLUMN; COLUMN; QUERY; SELECT; LIST

Derwent Class: T01

International Patent Class (Main): G06F-007/00

File Segment: EPI

Manual Codes (EPI/S-X): T01-F01B; T01-F05B; T01-J05B2; T01-J05B4M; T01-S03

27/9/30 (Item 30 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

014013089 \*\*Image available\*\*

WPI Acc No: 2001-497303/200155

XRPX Acc No: N01-368543

Data retrieval system for document management system, has computer readable medium including data structure with memory locations for storing statement information and qualification information, respectively

Patent Assignee: XEROX CORP (XERO )

Inventor: LAMPING J O

Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
CA 2326962	A1	20010529	CA 2326962	A	20001128	200155 B
JP 2001216333	A	20010810	JP 2000361345	A	20001128	200160

Priority Applications (No Type Date): US 99450239 A 19991129

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
CA 2326962 A1 E 33 G06F-017/30  
JP 2001216333 A 10 G06F-017/30

Abstract (Basic): CA 2326962 A1

NOVELTY - A processor stores information in recording medium and retrieves information through communication pathways. A computer



readable medium has data structure. The data structure has one memory **location** for **storing** statement information such as document properties and another memory **location** for **storing** qualification information corresponding to statement information.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(a) Article of manufacture including computer readable memory;

(b) Information storing method

USE - Used for retrieving data from information system through communication pathways for document management system.

ADVANTAGE - Allows user to store and retrieve information based on the circumstances. The information are stored in a manner that minimizes memory usage and reduces the likelihood of erroneous data entry. The flexible data structure increases the ability of the data structure to record exceptional information pertinent to specific circumstances. The flexible data structure enables **database access** software to respond to user queries in more effective and informative manner.

DESCRIPTION OF DRAWING(S) - The figure shows the data structure having an embellishment table and qualification table.

pp; 33 DwgNo 2/7

Title Terms: DATA; RETRIEVAL; SYSTEM; DOCUMENT; MANAGEMENT; SYSTEM; COMPUTER; READ; MEDIUM; DATA; STRUCTURE; MEMORY; LOCATE; STORAGE; STATEMENT; INFORMATION; QUALIFY; INFORMATION; RESPECTIVE

Derwent Class: T01

International Patent Class (Main): G06F-017/30

File Segment: EPI

Manual Codes (EPI/S-X): **T01-F05E** ; T01-J05B2B; T01-J11A; T01-S03

**27/9/36 (Item 36 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

011819176 \*\*Image available\*\*

WPI Acc No: 1998-236086/199821

XRPX Acc No: N98-187199

**File control apparatus for OS with hierarchical input-output management function - has input file name search unit provided for table to determine information on storing position of input file name with full path in memory device**

Patent Assignee: DIGITAL VISION LAB KK (DIGI-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 10074154	A	19980317	JP 96229477	A	19960830	199821 B

Priority Applications (No Type Date): JP 96229477 A 19960830

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 10074154	A		7 G06F-012/00	

Abstract (Basic): JP 10074154 A

The apparatus has a memory device that stores all the file names included in one arbitrary directory in a full path. A table associates and stores the information on the **storing position** of each file from a file name in the memory device.

An input file name search unit uses the input file name with full path to search the table and determine the information on the **storing position** of the input file name in the memory device.

USE - For e.g. UNIX OS.

ADVANTAGE - Ensures efficiency improvement on **file access** during multilayer processing since internal flat file control is performed while maintaining external multilayer structure. Manages several files suitably using PC, workstation or data processor.

Dwg.1/6

Title Terms: FILE; CONTROL; APPARATUS; OS; HIERARCHY; INPUT; OUTPUT; MANAGEMENT; FUNCTION; INPUT; FILE; NAME; SEARCH; UNIT; TABLE; DETERMINE; INFORMATION; STORAGE; POSITION; INPUT; FILE; NAME; FULL; PATH; MEMORY; DEVICE

Index Terms/Additional Words: OPERATING; SYSTEM; INPUT/OUTPUT; PERSONAL; COMPUTER

Derwent Class: T01

International Patent Class (Main): G06F-012/00

International Patent Class (Additional): G06F-017/30

File Segment: EPI

Manual Codes (EPI/S-X): T01-F05E ; T01-J05B3

? t27/9/42

27/9/42 (Item 42 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

011030960 \*\*Image available\*\*

WPI Acc No: 1997-008884/199701

XRFX Acc No: N97-008094

**File search appts. for information-processing appts. e.g. computer - has control unit that searches for file corresp. to attribute value with specified coordinate position and file size**

Patent Assignee: CANON KK (CANO )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 8278983	A	19961022	JP 95107897	A	19950407	199701 B

Priority Applications (No Type Date): JP 95107897 A 19950407

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 8278983	A	4	G06F-017/30	

Abstract (Basic): JP 8278983 A

The appts. searches a file contained in a memory device (2) of an information-processing appts. A pointing device (3) e.g. mouse is used to specify the coordinate position corresp. to the display position attribute value.

A central processing unit (1) makes the attribute value and coordinate position agree. A memory (5) **stores** the **position** information of the specified coordinate position which a display unit (4) shows with constant width which are controlled by a control unit.

ADVANTAGE - Provides convenience in file searching even when increasing file numbers, by simply specifying desired file attribute value. Enables **file access** by date and size due to changed attribute value in last changed state and by utilising file size.

Dwg.1/3

Title Terms: FILE; SEARCH; APPARATUS; INFORMATION; PROCESS; APPARATUS; COMPUTER; CONTROL; UNIT; SEARCH; FILE; CORRESPOND; ATTRIBUTE; VALUE; SPECIFIED; COORDINATE; POSITION; FILE; SIZE

Derwent Class: T01

International Patent Class (Main): G06F-017/30

International Patent Class (Additional): G06F-012/00

File Segment: EPI

Manual Codes (EPI/S-X): **T01-F05E** ; T01-J05B3

File 347:JAPIO Nov 1976-2004/Jan(Updated 040506)  
 (c) 2004 JPO & JAPIO  
 File 350:Derwent WPIX 1963-2004/UD,UM &UP=200431  
 (c) 2004 Thomson Derwent  
 File 348:EUROPEAN PATENTS 1978-2004/May W02  
 (c) 2004 European Patent Office  
 File 349:PCT FULLTEXT 1979-2002/UB=20040513,UT=20040506  
 (c) 2004 WIPO/Univentio

Set	Items	Description
S1	36	AU='SU P'
S2	1	AU='SU P S'
S3	331	AU='LYNCH J':AU='LYNCH JAMES ROBERT'
S4	19	AU='RAUCH S'
S5	5	AU='RAUCH S J':AU='RAUCH SAMUEL J'
S6	1	S1:S2 AND S3:S5

? t6/9

6/9/1 (Item 1 from file: 350)  
 DIALOG(R)File 350:Derwent WPIX  
 (c) 2004 Thomson Derwent. All rts. reserv.

015682771 \*\*Image available\*\*  
 WPI Acc No: 2003-744960/200370  
 XRPX Acc No: N03-596693

Open files emulating method for use in Internet capable portable device  
 e.g. cellular telephone, involves accessing closed file transparently  
 with respect to open Java file, using pointer

Patent Assignee: LYNCH J (LYNC-I); RAUCH S J (RAUC-I); SU P S (SUPS-I)

Inventor: LYNCH J ; RAUCH S J ; SU P S

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030145011	A1	20030731	US 200266278	A	20020131	200370 B

Priority Applications (No Type Date): US 200266278 A 20020131

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

US 20030145011 A1 11 G06F-007/00

Abstract (Basic): US 20030145011 A1

NOVELTY - An operating system (OS) file in C-language is opened while running a predetermined Java program, if the number of currently opened files does not exceed a predetermined value. Otherwise, a pointer designating where a next byte of a specific open file is to be accessed, is saved and the open file is closed. The OS file is opened, and the closed file is accessed transparently to the Java file, using the pointer.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for method of interfacing file system.

USE - For Internet capable portable device such as cellular telephone, personal digital assistant (PDA), pager, and computer that use libraries written in Java programming language and native programming language such as C-language.

ADVANTAGE - The various programming languages used in the portable devices are efficiently interfaced. An operating system file is quickly identified due to the usage of pointer.

DESCRIPTION OF DRAWING(S) - The figure shows a flow diagram for opening operating system file in a portable device.

pp; 11 DwgNo 3B/6

Title Terms: OPEN; FILE; EMULATION; METHOD; CAPABLE; PORTABLE; DEVICE;  
CELLULAR; TELEPHONE; ACCESS; CLOSE; FILE; TRANSPARENT; RESPECT; OPEN;  
FILE; POINT

Derwent Class: T01

International Patent Class (Main): G06F-007/00

File Segment: EPI

Manual Codes (EPI/S-X): T01-F05E; T01-F05G3; T01-F05G5; T01-M06A1A;

T01-N03B1

?